Index of Claims



Application/Control No.

10/767,257

Examiner

Chen-Wen Jiang

Applicant(s)/Patent under Reexamination

FREDERIKSEN ET AL.

Art Unit

3744

| 7  | Rejected |
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| 11 | Allowed  |

- (Through numeral) Cancelled

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I Interference

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| Cla      | nim      | im Date  |          |          |  |              | Claim Date     |                    |          |          |   |           |          |    | Claim Date |          |          |          |        |          |   |          |     |       |             |   |   |               |    |     |          |        |                |           |
|----------|----------|----------|----------|----------|--|--------------|----------------|--------------------|----------|----------|---|-----------|----------|----|------------|----------|----------|----------|--------|----------|---|----------|-----|-------|-------------|---|---|---------------|----|-----|----------|--------|----------------|-----------|
|          |          |          |          |          |  |              |                |                    |          |          |   |           |          |    |            | $\dashv$ |          | Ole      |        | $\vdash$ |   |          |     | Jail  | <del></del> |   |   | $\dashv$      |    |     |          |        |                |           |
| Final    | Original | 11/30/05 | 5/11/06  |          |  |              |                |                    |          |          |   | Final     | Original |    |            |          |          |          |        |          |   |          |     | Final | Original    |   |   |               |    |     |          |        |                |           |
|          | 1        | 1        | +        |          | T  |              |                | T                  |          |          | İ |           | 51       |    |            | 寸        | 一        | $\dashv$ |        | $\neg$   | 寸   | ᅦ        |     |       | 101         |   |   |               | _  |     |          |        |                |           |
|          | 2        | 1        | +        |          | 1  | Г            | Т              | 1                  | ✝        |          | İ |           | 52       |    |            | ヿ        | 一        | _        |        |          |   | ヿ        | - 1 |       | 102         |   |   | _             |    |     | $\vdash$ | $\neg$ |                |           |
|          | 3        | 1        | +        |          | 1  | 1            |                | T                  | 1        |          | İ |           | 53       |    | _          | 一        | $\dashv$ | 寸        |        |          |   | ╗        | ı   |       | 103         |   |   | -             |    |     |          |        |                | $\neg$    |
|          | 4        | 1        | +        | Г        | <u> </u>   |              |                | 1                  | 1        |          | ĺ |           | 54       | П  |            | ᅥ        | 一        | $\dashv$ |        |          |   | ╗        | i   |       | 104         |   | Н |               |    |     |          | -      | $\neg$         |           |
|          | 5        | V        | +        | _        | <del>                                     </del> | _            | T              | +-                 | T        | _        | i |           | 55       | Н  |            | 7        | $\dashv$ | $\dashv$ | _      |          |   | ┪        | Ì   |       | 105         | - | Н | _             |    |     |          | Н      | $\neg \dagger$ | $\dashv$  |
|          | 6        | 1        | +        | $\vdash$ | t  |              | 1              | T                  | ╁        |          | ĺ | · · · · · | 56       |    |            |          |          | _        |        |          | _   | ┪        |     |       | 106         |   | Н |               |    |     |          | Н      |                | $\dashv$  |
|          | 7        | 1        | +        | <b>—</b> | i  | ļ .          | ļ —            | 1                  | ┰        |          | ĺ |           | 57       |    |            | $\neg$   | $\neg$   | $\dashv$ |        |          |   | $\neg$   |     | -     | 107         |   |   |               |    | _   |          |        |                | $\exists$ |
|          | 8        | 1        | +        |          |  |              | t              | T                  | Г        |          | İ |           | 58       |    |            |          |          |          | $\neg$ |          |   | ╗        |     |       | 108         |   | Н | _             |    |     |          | П      | $\neg$         |           |
|          | 9        | 1        | +        | Г        | t  |              | 1.             | T                  | T        |          | 1 |           | 59       | П  |            | $\neg$   | $\neg$   | $\neg$   |        |          |   | ┪        |     |       | 109         |   | Н |               |    |     |          |        | $\neg$         | $\neg$    |
|          | 10       | 1        | +        |          |  |              | Т              | T                  | Τ        |          | ĺ |           | 60       | H  |            | $\neg$   | $\neg$   | ヿ        |        | T        |   |          |     |       | 110         |   |   | _             |    |     |          | П      | _              | $\neg$    |
|          | 11       | 1        | +        |          |  |              | T              | T                  |          |          | 1 |           | 61       |    |            | 寸        | ヿ        | 一        |        |          |   | ヿ        | ı   |       | 111         | - |   |               |    |     |          | П      | $\neg$         | $\neg$    |
|          | 12       | √        | +        |          |  | 1            | Π              | 1                  | 1        |          | 1 |           | 62       | П  |            |          | 寸        |          |        |          | 1   | $\neg$   | Ì   |       | 112         |   | П |               |    |     | П        | П      | $\neg$         | $\neg$    |
|          | 13       | 1        | +        |          |  |              | Π              | 1                  | Т        | <u> </u> | 1 |           | 63       | П  |            | T        |          |          |        |          |   | Ŧ        |     |       | 113         |   | П |               | Г  |     |          | П      | $\dashv$       | $\neg$    |
|          | 14       | 1        | +        |          |  |              | Г              | 1                  | Т        |          | 1 |           | 64       | М  |            | $\dashv$ | $\neg$   | $\neg$   | 一      | $\dashv$ |   | $\neg$   |     |       | 114         |   | М |               | П  |     | П        |        |                | $\dashv$  |
|          | 15       | 1        | +        |          | T  | Г            |                | 1                  |          |          | 1 |           | 65       | П  | $\Box$     |          | $\dashv$ |          | 一      |          | $\dashv$  | $\dashv$ |     |       | 115         |   | М | _             | П  |     |          | Н      | $\neg$         | $\dashv$  |
|          | 16       | 1        | +        |          |  |              | П              | $\top$             | Π        |          | 1 |           | 66       | П  |            | 7        | $\neg$   |          | T      |          |   | $\neg$   |     | -     | 116         |   | П |               | Г  |     | П        | П      | $\neg$         | $\neg$    |
|          | 17       | 1        | +        |          | Π  |              | Π              | Τ                  | Τ        |          | 1 |           | 67       | П  |            | $\neg$   | 一        |          | $\neg$ | 一        | _   | $\neg$   |     |       | 117         |   | П |               |    |     |          |        |                | $\dashv$  |
|          | 18       | 1        | +        |          |  |              |                |                    |          |          | 1 |           | 68       |    |            |          |          |          | 一      | ヿ        | 一   |          | - 1 |       | 118         |   | П |               | Г  |     |          | П      |                |           |
|          | 19       | 1        | +        |          |  |              |                |                    |          |          | 1 |           | 69       |    |            |          |          |          | .      |          |   |          | - 1 |       | 119         |   | П |               |    |     |          |        |                |           |
|          | 20       | 1        | +        |          | 1  |              |                | $\top$             | $\vdash$ |          | 1 |           | 70       |    |            | ヿ        | ヿ        | $\neg$   |        |          |   | $\neg$   |     |       | 120         |   |   |               |    |     |          | П      |                |           |
|          | 21       |          |          |          |  |              | Т              |                    | Т        |          | 1 |           | 71       | П  |            | 一        | $\neg$   | $\neg$   |        |          |   | $\neg$   |     |       | 121         |   |   | $\overline{}$ |    |     |          | П      |                |           |
|          | 22       | ·        |          |          |  |              |                |                    | Τ        |          | 1 |           | .72      | П  |            | T        | T        |          |        |          |   | $\neg$   |     |       | 122         |   |   | $\overline{}$ |    |     |          |        |                |           |
|          | 23       | _        | Γ        |          |  | П            | Π              |                    |          |          | 1 |           | 73       | П  |            | T        |          |          |        |          |   | $\neg$   | ı   |       | 123         |   |   |               |    |     |          |        |                |           |
|          | 24       |          |          |          |  |              |                |                    |          |          | 1 |           | 74       |    |            |          |          |          |        |          |   | $\neg$   | ı   |       | 124         |   |   |               |    |     |          |        |                |           |
|          | 25       |          |          |          |  |              |                |                    |          |          | 1 |           | 75       |    |            |          |          |          | T      |          | $\neg$  | $\neg$   | ı   |       | 125         |   |   |               |    |     |          |        |                |           |
|          | 26       |          |          |          |  |              |                |                    |          |          |   |           | 76       |    |            |          |          |          |        |          |   |          |     |       | 126         |   |   |               |    |     |          |        |                |           |
|          | 27       |          |          |          |  |              |                |                    |          |          |   |           | 77       |    |            |          |          | ヿ        |        |          |   | $\neg$   | Ī   |       | 127         |   |   |               |    |     |          |        |                |           |
|          | 28       |          |          |          |  |              |                |                    |          |          | 1 |           | 78       |    |            |          |          |          |        |          |   |          |     |       | 128         |   |   |               |    |     |          |        | $\neg$         |           |
|          | 29       |          |          |          |  |              |                |                    |          |          |   |           | 79       |    |            |          |          |          |        |          |   |          |     |       | 129         |   |   |               |    |     |          |        |                |           |
|          | 30       |          |          |          |  |              |                |                    |          |          |   |           | 80       |    |            |          |          |          |        |          |   |          |     |       | 130         |   |   |               |    |     |          |        |                |           |
|          | 31       |          |          |          |  |              |                |                    |          |          | i |           | 81       |    |            |          |          |          |        |          | $\Box$  |          |     |       | 131         |   |   |               |    |     |          |        | j              |           |
|          | 32       |          |          | Ĺ        | L  |              |                |                    | $\Box$   |          |   |           | 82       |    |            |          |          |          |        |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |     | -,    | 132         |   |   |               |    |     |          |        |                |           |
|          | 33       |          |          |          |  |              | $\Box$         |                    | $\Box$   |          |   |           | 83       |    |            |          |          |          |        |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |     |       | 133         |   |   |               |    |     |          |        |                |           |
|          | 34       | _        |          | L.       |  |              | L              |                    | L_       |          | l |           | 84       | Ш  | Ш          |          |          |          |        | ]        |   |          |     |       | 134         |   | Ш |               |    |     |          |        | ]              |           |
|          | 35       | _        | _        |          |  |              | Ļ              |                    | L        |          |   | <u> </u>  | 85       | Ш  | Ш          | _        | _        |          | _      |          | ⅃.  | $\Box$   |     |       | 135         |   |   |               |    |     |          |        | ]              | _]        |
|          | 36       |          |          | <u> </u> | L  | ļ            | L              |                    |          |          |   |           | 86       |    | Щ          | _        | _        |          |        | _        |   | _        |     |       | 136         |   |   |               |    |     | L        |        |                | _         |
|          | 37       | <u> </u> | <u> </u> | _        |  | <u> </u>     | L              | 1_                 | <u> </u> | <u> </u> |   |           | 87       | Ш  | $\sqcup$   |          | _        | _        |        | _        | _   | $\Box$   |     |       | 137         |   | Ш |               | Ш  |     |          |        |                |           |
|          | 38       | L_       | _        |          |  | <b> </b>     |                | _                  | <u> </u> | _        |   |           | 88       | Ш  | Щ          |          |          |          | _      |          | _   | $\Box$   |     |       | 138         |   | Ш | $oxed{oxed}$  |    |     |          |        | ]              |           |
|          | 39       | L        | _        |          | L  | <u> </u>     | <u> </u>       | _                  | L_       | <u> </u> |   | ļ         | 89       | Ш  | $\square$  |          |          |          |        |          | $\perp$   |          |     |       | 139         |   |   |               |    |     |          |        |                | _         |
|          | 40       | _        | _        | _        | $oxed{oxed}$                                     | $oxed{oxed}$ | otag           | _                  | <u> </u> | <u> </u> | ŀ | ļ         | 90       | Ш  | Щ          | _        |          | _        |        | _        | $\perp$   |          |     |       | 140         |   | Ш |               | Щ  |     | _        |        |                | $\sqcup$  |
|          | 41       |          | Ц.       |          | _  | $oxed{oxed}$ | $oxed{oxed}$   | _                  | <u> </u> | L        | Ì |           | 91       | Ш  |            | _        |          | _        |        | _        | $\dashv$  |          | - 1 |       | 141         |   | Ш |               | L  |     | L_       |        |                |           |
|          | 42       | _        |          |          | _  | ↓_           | $\vdash$       | $oldsymbol{\perp}$ | <u> </u> | <u> </u> |   |           | 92       | Ш  | $\sqcup$   | $\dashv$ |          | _        | _      | _        | _   |          | ļ   |       | 142         |   | Ш | L_            | Ш  |     |          |        |                |           |
|          | 43       | <u> </u> | <u> </u> | _        | <u>_</u>   |              | <u> </u>       | 1                  | <u> </u> | <u> </u> |   |           | 93       | Щ  | $\sqcup$   | _        | _        | _        | ļ      | ļ        | $\dashv$  | _        |     |       | 143         |   | Ш |               | Ш  |     | Ш        |        |                |           |
|          | 44       | <u> </u> |          |          | L_   | <u> </u>     | <u> </u>       | $\perp$            | <u> </u> |          |   |           | 94       | Щ  | $\sqcup$   |          | _        |          |        | _        | _   |          |     |       | 144         |   | Ш |               | L_ |     | Щ        |        |                |           |
|          | 45       | <u> </u> | <u> </u> |          | L.   |              | _              | <u> </u>           | <u> </u> | <u> </u> |   |           | 95       | Щ  | $\sqcup$   | _        | _ļ       | _        |        |          |   | _        |     |       | 145         |   | Ш |               |    | L i | L_       |        |                |           |
|          | 46       | <u> </u> | <u> </u> | _        | <u> </u>   |              | $\vdash$       | $\vdash$           | <u> </u> | <u> </u> |   | <u> </u>  | 96       | Щ  | $\sqcup$   | _        |          | _        | _      | _        | _   | _        |     |       | 146         |   | Ш | <u> </u>      | Щ  |     | L_       |        | _              | _         |
|          | 47       | <u> </u> | <u> </u> | <u> </u> | <u> </u>   | $\vdash$     | _              | ┡                  | <u> </u> | <u> </u> |   | ļ         | 97       | Щ  | $\sqcup$   | _        |          | _        |        | _        | $\perp$   | _        | ļ   |       | 147         |   | Щ |               | Щ. |     | L_       |        |                |           |
|          | 48       | <u> </u> | <u> </u> | _        | _  |              | <del>  _</del> | ╄                  | _        | <u> </u> |   | <u> </u>  | 98       | Щ  | $\sqcup$   | _        |          | _        | 4      |          | 4   | _        | ļ   |       | 148         |   | Ш | L.            | Щ. |     |          | $\Box$ | ]              |           |
| <b> </b> | 49       | <u> </u> | <u> </u> | _        | <u> </u>   | lacksquare   | <u> </u>       | ↓_                 | <u> </u> | <u> </u> |   | <u> </u>  | 99       | Щ  | $\sqcup$   | _        | _        | _        |        | _        | _   | $\sqcup$ | ļ   |       | 149         |   | Ш |               | Щ  |     | <u> </u> | Щ      | _              |           |
|          | 50       | I        | l        |          | ı  |              | 1              | 1                  | 1        | Ι.       | 1 | l         | 100      | ıl | ıl         | - 1      | - 1      |          | - 1    | - 1      | - 1   |          |     |       | 150         |   | 1 |               | 1  | 1   | ı        |        | - 1            |           |